

**Total capacities of cooling system with heater and mixing ratio  
Antifreeze<sup>1)</sup>/water<sup>2)</sup> in liters**

Model	Engine	Total capacity Cooling system with heater	Mixing ratio antifreeze/water for antifreeze protection up to	
			–30 °C	–40 °C
116	617.950	12	5.50/6.50	6.25/5.75
123 126	617.952 617.951	11	5.00–6.00	5.75/5.25

<sup>1)</sup> Refer to specifications for service products page 325.

<sup>2)</sup> Refer to specifications for service products page 310 and 311.

**Tightening torques**

Nm

Drain plug radiator model 116

6–10

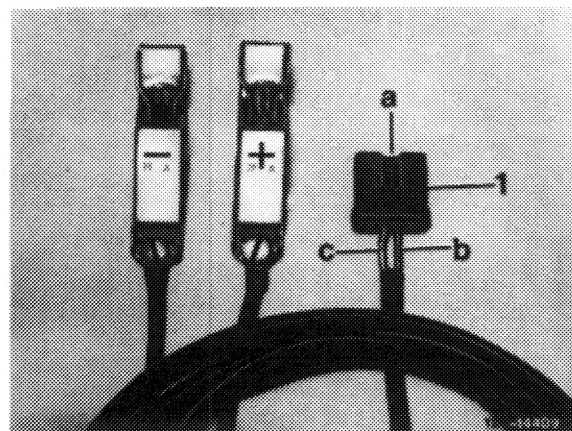
Drain plug radiator models 123, 126

1.5–2<sup>1)</sup>

<sup>1)</sup> This torque can be set by means of a washer or a coin.

**Self-made tool**

Coupling (1), part No. 002 545 49 28  
approx. 1 m cable 1.5 mm<sup>2</sup> black (b) +  
approx. 1 m cable 1.5 mm<sup>2</sup> brown (c) –  
1 cable terminal +  
1 cable terminal –



a = Locating groove

## Note

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For improved corrosion resistance, do not permit temperature of antifreeze concentration to drop below  $-20^{\circ}\text{C}$  (30 % by volume).

If no antifreeze is available and only water is filled in, be sure to add 1 % treating compound (anti-corrosion oil) (10 cc/l water).

### Attention!

Only approved antifreeze compounds (specifications for service products page 325) and treating compounds (specifications for service products page 311) may be used to prevent damage to light alloy components.

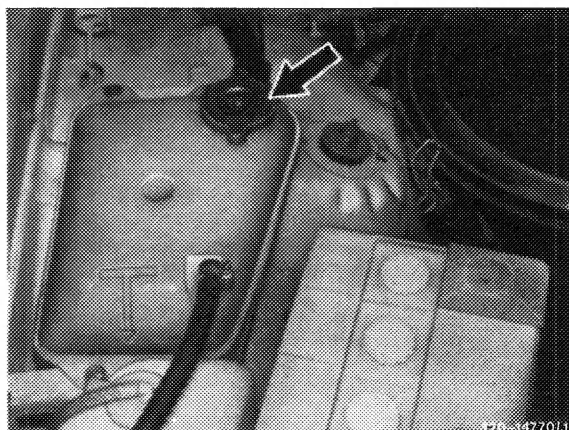
Vehicles provided with automatic climate control (models 116 and 126 as standard equipment) require given measures when filling in coolant.

The thermostat housing has an automatic venting system.

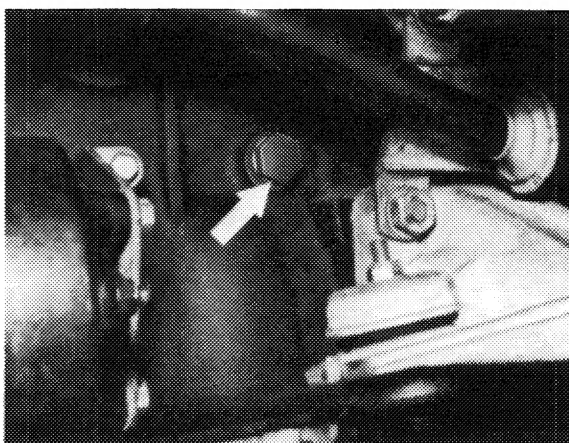
## Draining

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1 Open closing cover (arrow) on expanding tank in steps (only below  $90^{\circ}\text{C}$ ).



2 Unscrew drain plug on radiator and cylinder crankcase.



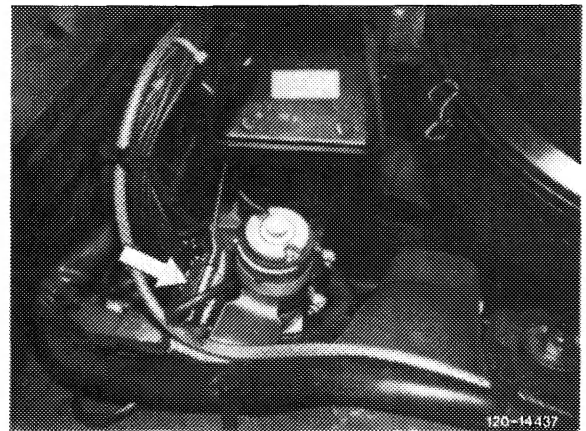
Drain plug on cylinder crankcase (arrow)

## Filling in

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- 3 Slowly fill in coolant up to mark on expanding tank (Fig. item 1). Do not mount closing cover.
- 4 Start engine and warm up to approx. 40 °C.

5 On model 116 pull plug of heating water pump (arrow) from supply line. Connect heating water pump to battery by means of self-made tool. Push "DEF" button.

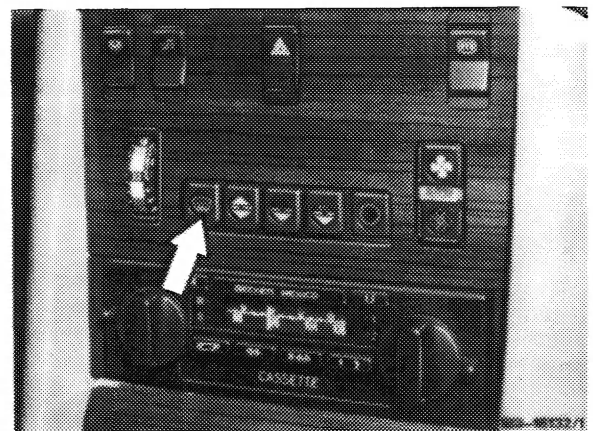


On model 123 with automatic climate control and on model 126, push "DEF" button (arrow).

On model 123 with and without air conditioning set heater lever to max. heating capacity.

- 6 Run engine warm under intermittent operation until thermostat opens.

**Note:** Mount closing cover starting at a coolant temperature of approx. 60 °C.



- 7 On model 116, connect heating water pump again to supply line.

- 8 Check coolant level (below 90 °C) and fill up to specified level.